

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of: RAMINDA U. MADURAWÉ  
Application No.:  
Title: Integrated Circuits with RAM and ROM Fabrication Options  
Filed: 12/31/2003

INFORMATION DISCLOSURE STATEMENT SUBMISSION

Sirs:

Attached is IDS form 1449 along with copies of the references for the Application submitted herewith entitled "Integrated Circuits with RAM and ROM Fabrication Options".

Regards,

  
Raminda U. Madurawe

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PTO/SB/08A (08-00)

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|   |  |  | Application Number       |  |
|   |  |  | Filing Date              |  |
|   |  |  | First Named Inventor     |  |
|   |  |  | Group Art Unit           |  |
|   |  |  | Examiner Name            |  |
| Sheet <b>1</b> of <b>2</b>  |  |  | Attorney Docket Number   |  |

| U.S. PATENT DOCUMENTS  |                          |                      |                                      |  |  |  |
|------------------------|--------------------------|----------------------|--------------------------------------|--|--|--|
| Examiner<br>Initials * | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant<br>of Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear |
|                        |                          | Number               | Kind Code <sup>2</sup><br>(if known) |  |  |  |
|                        |                          | 4,609,986            |                                      | Hartmann et al.                                    | 09-02-1986   |  |
|                        |                          | 4,706,216            |                                      | Carter   | 11-10-1987   |  |
|                        |                          | 4,761,768            |                                      | Turner et al.                                      | 08-02-1988   |  |
|                        |                          | 4,857,774            |                                      | El-Ayat et al.                                     | 08-15-1989   |  |
|                        |                          | 4,870,302            |                                      | Freeman  | 09-26-1989   |  |
|                        |                          | 4,873,459            |                                      | El Gamal et al.                                    | 10-10-1989   |  |
|                        |                          | 5,343,406            |                                      | Freeman et al.                                     | 08-30-1994   |  |
|                        |                          | 5,488,316            |                                      | Freeman et al.                                     | 01-30-1996   |  |
|                        |                          | 5,835,405            |                                      | Tsui et al.  | 11-10-1998   |  |
|                        |                          | 5,844,422            |                                      | Trimberger et al.                                  | 12-01-1998   |  |
|                        |                          | 6,208,163            |                                      | Wittig et al.                                      | 03-27-2001   |  |
|                        |                          | 2001/0003428         |                                      | Or-Bach  | 06-14-2001   |  |
|                        |                          | 6,275,065            |                                      | Mendel   | 08-04-2001   |  |
|                        |                          | 6,331,789            |                                      | O-Bach   | 12-18-2001   |  |
|                        |                          | 6,448,808            |                                      | Young et al.                                       | 09-10-2002   |  |
|                        |                          | 2002/0186044         |                                      | Agrawal et al.                                     | 12-12-2002   |  |
|                        |                          | 2003/0001615         |                                      | Sueyoshi et al.                                    | 01-02-2003   |  |
|                        |                          | 2003/0085733         |                                      | Pugh et al.  | 05-08-2003   |  |
|                        |                          |                      |                                      |  |  |  |
|                        |                          |                      |                                      |  |  |  |

| FOREIGN PATENT DOCUMENTS |                          |                         |                     |                                      |   |  |  |                          |
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| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee<br>or Applicant of<br>Cited Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup>           |
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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|   |   |    |   | Filing Date              | 12/31/2003           |
|   |   |    |   | First Named Inventor     | Madurawe, Raminda U. |
|   |   |    |   | Group Art Unit           |                      |
|   |   |    |   | Examiner Name            |                      |
|   |   |    |   | Attorney Docket Number   |                      |
| Sheet   | 2 | of | 2 |                          |                      |

| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |                          |   |                          |
|---|--------------------------|---|--------------------------|
| Examiner<br>Initials *                            | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>           |
|   |                          | SEALS & WHAPSHOTT, "Programmable Logic – PLDs and FPGAs", 1997, pp 102-117, McGraw-Hill, USA  | <input type="checkbox"/> |
|   |                          | ASHOK K. SHARMA, "Programmable Logic Handbook – PLDs, CPLDs, & FPGAs", 1998, pp 99-171, McGraw-Hill, USA  | <input type="checkbox"/> |
|   |                          | S. M. SZE, "VLSI Technology", 1983, pp 600-609, McGraw-Hill, New York, USA  | <input type="checkbox"/> |
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